

Title (en)  
Boiler for liquid fuels

Title (de)  
Kessel für flüssige Brennstoffe

Title (fr)  
Chaudière pour combustibles liquides

Publication  
**EP 1002993 B1 20030219 (DE)**

Application  
**EP 99890351 A 19991103**

Priority  
AT 189298 A 19981112

Abstract (en)  
[origin: EP1002993A2] The burner of the boiler is designed as a pre-mixing burner, whereby fuel is vaporized in the evaporator(2) and mixed with air into a mixture conducive to combustion and which is then introduced into the flame producer(4). The flame producer is installed concentrically inside a cylindrical first ebullator(11). The pre-mixing burner is connected preferably detachably to a part(5) of the boiler accommodating the ebullators(11,13). A deflector(14) is provided preferably above the first ebullator and an additional ebullator(13) is installed preferably radially outside the first ebullator.

IPC 1-7  
**F23D 11/44**; F23D 11/08; F23M 9/06

IPC 8 full level  
**F23C 5/02** (2006.01); **F23D 11/08** (2006.01); **F23M 9/06** (2006.01); **F24H 1/28** (2006.01); **F24H 1/50** (2006.01)

CPC (source: EP)  
**F23C 5/02** (2013.01); **F23D 11/08** (2013.01); **F23M 9/06** (2013.01); **F24H 1/282** (2013.01); **F24H 1/50** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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